Accepted Manuscript

Hybrid reliability analysis and optimization for spacecraft structural system with random and fuzzy parameters

Chong Wang, Hermann G. Matthies, Menghui Xu, Yunlong Li

PII: S1270-9638(17)31892-8

DOI: https://doi.org/10.1016/j.ast.2018.03.014

Reference: AESCTE 4468

To appear in: Aerospace Science and Technology

Received date: 17 October 2017 Revised date: 4 February 2018 Accepted date: 9 March 2018



Please cite this article in press as: C. Wang et al., Hybrid reliability analysis and optimization for spacecraft structural system with random and fuzzy parameters, *Aerosp. Sci. Technol.* (2018), https://doi.org/10.1016/j.ast.2018.03.014

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Hybrid reliability analysis and optimization for spacecraft structural system with random and fuzzy parameters

Chong Wang^{a,*}, Hermann G. Matthies^a, Menghui Xu^b, Yunlong Li^c

^a Institute of Scientific Computing, Technische Universität Braunschweig, Braunschweig 38106, Germany

^b Faculty of Mechanical Engineering & Mechanics, Ningbo University, Ningbo, Zhejiang 315211, PR China

^c Department of Mechanical Science and Engineering, University of Illinois at Urbana-Champaign, Urbana, IL 61801, United States

*Corresponding Author: Chong Wang

Institute of Scientific Computing

Technische Universität Braunschweig

Braunschweig 38106, Germany

Email: chongwang.buaa@gmail.com

Download English Version:

https://daneshyari.com/en/article/8057676

Download Persian Version:

https://daneshyari.com/article/8057676

<u>Daneshyari.com</u>